

Exploring the Extreme			
2005 Science			
Content Standards			
Hawaii Science			
Grade K			
Activity/Lesson	State	Standards	
Finding the Center of Gravity Using Rulers	HI	SCI.K.SC.K.1.2	The student: Ask questions about the world around them
Exploring the Extreme			
2005 Science			
Content Standards			
Hawaii Science			
Grade 2			
Activity/Lesson	State	Standards	
Finding the Center of Gravity Using Rulers	HI	SCI.2.SC.2.1.1	Develop predictions based on observations
Finding the Center of Gravity Using Rulers	HI	SCI.2.SC.2.1.2	Conduct a simple investigation using a systematic process safely to test a prediction
Exploring the Extreme			
2005 Science			
Content Standards			
Hawaii Science			
Grade 3			
Activity/Lesson	State	Standards	
Finding the Center of Gravity Using Rulers	HI	SCI.3.SC.3.1.1	Pose a question and develop a hypothesis based on observations
Finding the Center of Gravity Using Rulers	HI	SCI.3.SC.3.1.2	Safely collect and analyze data to answer a question
Finding the Center of Gravity Using Plumb Lines	HI	SCI.3.SC.3.1.1	Pose a question and develop a hypothesis based on observations
Changing the Center of Gravity Using Moment Arms	HI	SCI.3.SC.3.1.1	Pose a question and develop a hypothesis based on observations
Changing the Center of Gravity Using Moment Arms	HI	SCI.3.SC.3.1.2	Safely collect and analyze data to answer a question
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2005 Science			
Content Standards			
Hawaii Science			
Grade 4			
Activity/Lesson	State	Standards	

Finding the Center of Gravity Using Rulers	HI	SCI.4.SC.4.1.1	Describe a testable hypothesis and an experimental procedure
Finding the Center of Gravity Using Plumb Lines	HI	SCI.4.SC.4.1.1	Describe a testable hypothesis and an experimental procedure
Changing the Center of Gravity Using Moment Arms	HI	SCI.4.SC.4.1.1	Describe a testable hypothesis and an experimental procedure
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2005 Science			
Content Standards			
Hawaii Science			
Grade 5			
Activity/Lesson	State	Standards	
Jet Propulsion	HI	SCI.5.SC.5.2.1	Use models and/or simulations to represent and investigate features of objects, events, and processes in the real world
Vectoring	HI	SCI.5.SC.5.2.1	Use models and/or simulations to represent and investigate features of objects, events, and processes in the real world
Center of Gravity, Pitch, Yaw	HI	SCI.5.SC.5.2.1	Use models and/or simulations to represent and investigate features of objects, events, and processes in the real world
Exploring the Extreme			
2005 Science			
Content Standards			
Hawaii Science			
Grade 6			
Activity/Lesson	State	Standards	
Jet Propulsion	HI	SCI.6.SC.6.1.2	Use appropriate tools, equipment, and techniques safely to collect, display, and analyze data
Vectoring	HI	SCI.6.SC.6.1.2	Use appropriate tools, equipment, and techniques safely to collect, display, and analyze data
Exploring the Extreme			
2005 Science			
Content Standards			
Hawaii Science			
Grade 7			
Activity/Lesson	State	Standards	
Jet Propulsion	HI	SCI.7.SC.7.1.3	Explain the need to revise conclusions and explanations based on new scientific evidence
Vectoring	HI	SCI.7.SC.7.1.1	Design and safely conduct a scientific investigation to answer a question or test a hypothesis

Vectoring	HI	SCI.7.SC.7.1.3	Explain the need to revise conclusions and explanations based on new scientific evidence
Fuel Efficiency	HI	SCI.7.SC.7.1.3	Explain the need to revise conclusions and explanations based on new scientific evidence
Exploring the Extreme			
2005 Science			
Content Standards			
Hawaii Science			
Grade 8			
Activity/Lesson	State	Standards	
Jet Propulsion	HI	SCI.8.SC.8.1.1	Determine the link(s) between evidence and the conclusion(s) of an investigation
Vectoring	HI	SCI.8.SC.8.1.1	Determine the link(s) between evidence and the conclusion(s) of an investigation